

15. A recombinant host cell comprising the recombinant vector defined in [any one of claims 11 to 14] claim 11.

16. A method of producing a proteic fragment of SKI-1 enzyme, which comprises the steps of:

culturing a recombinant host cell expressing a nucleic acid as defined in [any one of claims 7 to 10] claim 7 in a cell growth and expression-supportive culture medium; and recovering said proteic fragment of SKI-1 in the culture medium.

21. A method of inhibiting the activity of a subtilisin-kexin isoenzyme named SKI-1, which comprises the step of contacting SKI-1 with the inhibitor [defined in any one] of [claims 4 to 6, 8 and 10] claim 4 or an isolated nucleic acid encoding the inhibitor.

25. A peptide as defined in [any one of claims 22 to 24] claim 22 which is labelled.

28. The use of a peptide as defined in [any one of claims 22 to 27] claim 22 for monitoring the activity of a subtilisin-kexin isoenzyme named SKI-1.

29. The use as defined in [any one of claims 22 to 27] claim 22 for screening inhibitors of a subtilisin-kexin isoenzyme named SKI-1.

30. The use as defined in [any one of claims 22 to 27] claim 22 for screening a subtilisin-kexin isoenzyme named SKI-1.

35. The use as defined in claim 33 [or 34], wherein said inhibitor is defined in [any one of claims] claim 2[, 4 to 6, 8 and 10].

NB
36. A composition comprising a SKI-1 fragment as defined in [any one of claims] claim 1 [to 6, or a nucleic acid defined in any one of claims 7 to 10, or a recombinant vector as defined in any one of claims 7 to 10, or a recombinant vector as defined in any one of claims 11 to 14].

Please add the following claims:

13 38. (New Claim) A composition comprising an SKI-1 fragment as defined in claim 2.

14 39. (New Claim) A composition comprising a SKI-1 fragment as defined in claim 3.

15 40. (New Claim) A composition comprising a SKI-1 fragment as defined in claim 4.

16 41. (New Claim) A composition comprising a SKI-1 fragment as defined in claim 5.

17 42. (New Claim) A composition comprising a SKI-1 fragment as defined in claim 6.

18 43. (New Claim) A composition comprising a nucleic acid as defined in claim 7.

19 44. (New Claim) A composition comprising a nucleic acid as defined in claim 8.

20 45. (New Claim) A composition comprising a nucleic acid as defined in claim 9.

21
46. (New Claim) A composition comprising a nucleic acid as defined in claim 10.

22
47. (New Claim) A composition comprising a recombinant vector as defined in claim 7.

23
48. (New Claim) A composition comprising a recombinant vector as defined in claim 8.

24
49. (New Claim) A composition comprising a recombinant vector as defined in claim 9.

25
50. (New Claim) A composition comprising a recombinant vector as defined in claim 10.

26
51. (New Claim) A composition comprising a recombinant vector as defined in claim 11.

27
52. (New Claim) A composition comprising a recombinant vector as defined in claim 12.

28
53. (New Claim) A composition comprising a recombinant vector as defined in claim 13.

29
54. (New Claim) A composition comprising a recombinant vector as defined in claim 14.

REMARKS

The above amendments are being made to eliminate multiple dependencies in the claims of this application.